



Uric Acid (UA) Colorimetric Assay Kit

Cat No: HR3BC1218

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8°
Instrument	Microplate reader(680-700 nm,optimum wavelength: 690 nm)
Assay Time	35 min
Validity	3
Assay Type	Quantitative
Sample Type	Serum,plasma,urine
Synonyms	UA
Instrument	Microplate reader(680-700 nm,optimum wavelength: 690 nm)
Detection Principle	Uric Acid in protein-free filtrate reduce phosphotungstic acid to form tungsten blue, allantoin and carbon dioxide, the depth of blue color is proportional to the concentration of uric acid. Uric acid content can be calculated by measuring the OD value at 690 nm.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Micropipettor, Centrifuge, Vortex mixer
Size	96T
Sensitivity	1.30 mg/L
Detection Range	1.30-80 mg/L
Recovery Rate	96